

Claim Amendments

Applicant has amended claims 1, 5-7, 12, 18 and 22. Applicant sets forth below a complete listing of the claims with the corresponding status indicated for each claim.

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1. (Currently amended) A method for correcting colors in digital image space, the method comprising:

obtaining an image containing a specified target test sheet;

creating an image file containing said image;

providing a profiling mechanism ~~where said profiling mechanism adapted to~~ optionally ~~checking an~~ said image file for correct alignment with a target test sheet with information within said image file; ~~said~~ profiling mechanism matching colors of said image file with colors of said target test sheet using a transformation image algorithm; and

creating a color corrected image profile for said ~~submitted~~ image file.

2. (Original) A method as in Claim 1, wherein said method further comprises transmitting said image profile.

3. (Original) A method as in Claim 1, wherein said method further comprises using said image profile to correct color in another image file.

4. (Original) A method as in Claim 1, wherein said method further comprises using said image profile to correct contrast in another image file.

5. (Currently Amended) A method as in Claim 1, wherein said method further comprises registering on a Web site for ~~said~~ profiling software further comprises ~~obtaining a target test sheet and instructions for use that comprises the transformation image algorithms.~~

6. (Currently Amended) A method as in Claim 1, further comprising wherein  
~~said uploading an image file for submitting to said profiling mechanism further~~  
~~comprises photographing said target test sheet in specific lighting conditions.~~

7. (Currently Amended) A method as in Claim 1, further comprising wherein  
~~said uploading an image file for submitting to said profiling mechanism further~~  
~~comprises photographing an object under suitable lighting conditions.~~

8. (Original) A method as in Claim 1, wherein said profiling mechanism  
checking said image file for correct alignment further comprises checking for correct  
orientation with said target test sheet.

9. (Original) A method as in Claim 1, wherein said profiling mechanism  
checking said image file for correct alignment further comprises checking for correct  
intensity.

10. (Original) A method as in Claim 1, wherein said profiling mechanism  
checking said image file for correct alignment further comprises checking for correct  
hue.

11. (Original) A method as in Claim 1, wherein said transformation image  
algorithm matches colors of said image file with colors of said target test sheet using  
binary color coding such that each color is represented by a unique binary number.

12. (Currently Amended) A method as in Claim 1, wherein creating a color  
corrected image profile for said ~~submitted~~ image file further comprises manipulating  
said color corrected image profile.

13. (Original) A method as in Claim 1, wherein creating a color corrected  
image profile further comprises transmitting said color corrected image profile.

14. (Original) A method as in Claim 1, wherein creating a color corrected image profile further comprises printing said color corrected image profile.

15. (Original) A method as in Claim 1, wherein creating a color corrected image profile further comprises linking said color corrected image profile to a digital exhibit space.

16. (Original) A method as in Claim 1, wherein creating a color corrected image profile further comprises comparing said color corrected image profile to said image file obtained from photographing an object under suitable lighting conditions.

17. (Original) A method as in Claim 1, wherein creating a color corrected image profile further comprises saving said color corrected image profile for future viewing.

18. (Currently Amended) A method as in Claim 7 1, further comprising ~~wherein said uploading an image file for submitting to said profiling software further comprises uploading said image file to a web site.~~

19. (Original) A method as in Claim 13, wherein creating a color corrected image profile further comprises transmitting said color corrected image profile via e-mail.

20. (Original) A method as in Claim 14, wherein creating a color corrected image profile further comprises printing said color corrected image profile on a local printer.

21. (Original) A method as in Claim 14, wherein creating a color corrected image profile further comprises printing said color corrected image profile at a specified remote location.

22. (Currently Amended) A method as in Claim 14, wherein creating a color corrected image profile further comprises ~~printing said color corrected image profile~~ comprises applying a printer's device dependent color space for color correction.

23. (Original) A method as in Claim 15, wherein creating a color corrected image profile further comprises linking said digital exhibit space to said web site.

24. (Original) A method as in Claim 15, wherein creating a color corrected image profile further comprises accessing said digital exhibit space linked to said web site.

25. (Original) A method as in Claim 15, wherein creating a color corrected image profile further comprises accessing said digital exhibit space using access codes.

26. (Original) A method as in Claim 15, wherein creating a color corrected image profile further comprises accessing said digital exhibit space using a password.

27. (Original) An apparatus for automatically correcting colors in a digital image space, comprising:

a processor;

a profiling mechanism that operates under control of said processor;

a target test sheet;

an image acquisition device for generating an image file for submission to said profiling mechanism;

wherein said profiling mechanism optionally checks said image file for correct alignment with said target test sheet;

said profiling mechanism comprising a transformation image algorithm for matching colors of said image file with colors of said target test sheet and for creating a color corrected image profile for said submitted image file.

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28. (Original) An apparatus as in Claim 27, wherein said target test sheet is digitized by acquiring said target test sheet with said image acquisition device under specific lighting conditions.

29. (Original) An apparatus as in Claim 27, wherein said image acquisition device comprises a scanner.

30. (Original) An apparatus as in Claim 27, wherein said image acquisition device comprises a digital camera.

31. (Original) An apparatus as in Claim 30, wherein said profiling mechanism is integrated into said camera.

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